FEDERAL ITEM IDENTIFICATION GUIDE

AIRCRAFT CONTROL SURFACES, OUTER SURFACE STRUCTURES AND COMPONENTS

This Reprint replaces FIIG A115, dated November 7, 2008.

Commander

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BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

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GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

Index of Master Requirement Codes

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
AILERON	60032	A

A hinged or pivoted item forming a horizontal control surface, usually a portion of the trailing edge of a wing. Its primary function is to control the roll movement of an airplane or glider about its longitudinal axis.

Boom

1. A projecting member or conic truss structure. It may be movable as on a crane, derrick or fixed to support another structure as an empennage or rotary rudder of an aircraft.

BOOM (1), AIRCRAFT	41021	A
CANARD, AIRCRAFT	52780	A

A horizontal aerofoil located on both sides of the fuselage in front of the main supporting surface. It is designed to improve take-offs, low-speed handling and landings. It can be fixed, fitted, retractable, or rotating, usually with an auxiliary horizontal surface at front or a vertical surface in rear.

CENTER SECTION, AIRCRAFT RECONNAISSANCE POD	68240	A

A center structural portion of a POD ASSEMBLY, RECONNAISSANCE SYSTEM, AIRCRAFT that contains and protects systems, such as communications system and control management systems. These systems may consist of such items as receiver/transmitter, autopilot system, Global Positioning System (GPS), barometer, data video compression system, antenna and the like. This item is used in conjunction with other sections to form a complete reconnaissance pod. Excludes RECONNAISSANCE MANAGEMENT SYSTEM and AIRBORNE RECONNAISSANCE, LOW-MULTIFUNCTION.

COLLET SUPPORT, PYLON, AIRCRAFT	45846	A

An item of various sizes and circular shapes specifically designed to be mounted on aircraft to join pylons/pylon sections.

COVERING, EXTERNAL SURFACE, AIRCRAFT	52409	C

An item made of a special radar absorbent material used on various parts of an aircraft. It is designed to maintain a low signature to prevent radar detection.

COWLING	61611	A

A detachable cover used over an installed engine or other aircraft component. It is usually streamlined and may be designed to direct air for cooling.

Approved Item Name	INC	App Key
DECELERON, AIRCRAFT	52779	A

An aircraft control surface which serves the function of an aileron or may split into upper/lower halves to serve as a speed brake.

DRAIN-VENT, AIRCRAFT	66814	A

An opening of various shapes designed to allow single or multiple fluids to drain or vent usually to the exterior of the aircraft. EXCLUDES: Grille, Metal.

DUCT, VENT/DUMP	68224	A

It is used as a vent and for dumping fuel in an emergency.

ELEVATOR, AIRCRAFT	31514	A

A movable auxiliary airfoil, usually attached to the trailing edge of the horizontal stabilizer of an aircraft. It is designed to produce a desired up or down motion during flight.

ELEVON	39266	B

An aircraft control surface which serves the function of both elevator and aileron.

FAIRING, AIRCRAFT	41334	C

A secondary structure whose function is to reduce drag by providing a streamlined surface or covering.

FLAP, COWLING	60488	B

A hinged section forming a part of the aircraft engine cowling, usually located aft of the engine. The purpose of the flap is to regulate the flow of air over and around an engine to control the temperature.

FLAP, FUSELAGE DIVE RECOVERY	60490	B

A hinged or pivoted section of a fuselage, forward of the center of gravity designed for the specific purpose, when extended, of imparting lift to the nose of an aircraft at the end of a dive.

FLAP, WING DIVE BRAKE	61354	B

A hinged or pivoted airfoil mounted in the surface of a wing. It is designed, when extended, to limit the speed of an aircraft in a dive.

FLAP, WING LANDING	60494	B

A movable airfoil, whether hinged, pivoted or mounted on tracks, forming part of the leading or trailing edge of the wing of an aircraft. It is designed for the specific purpose of lowering the landing speed by varying the effective camber and may be used in accelerated takeoffs and improved climbs. Excludes leading edge devices that prevent stalls by ducting air over the top of a wing through extended slats. Excludes SLAT, AIRCRAFT.

Approved Item Name	INC	App Key
FLAPERON	41335	D

A control surface which combines the roll control function of ailerons with the increased lift and drag function of flaps.

HORN, ELEVATOR CONTROL	52627	A

An operating arm of a simple manual flight control surface, to which a cable is attached.

LEADING EDGE, AIRCRAFT	41033	A

The front edge of the wing, fin, stabilizer, rotor blade or other airfoil. It is that portion forward of the spar.

MAST, PRACTICE TARGET, AIRCRAFT	51755	A

An outfit which is usually aerodynamically designed to enable the user to take away, release, and/or tow a target, which has been released from an aircraft. Excludes: PYLON, AIRCRAFT.

MAST, VENT-DRAIN, AIRCRAFT	48248	A

A streamlined, externally mounted structure designed to house or accommodate fuel drains, hydraulic drains, fuel vents, hydraulic vents, and the like. The mast may accommodate multiple hydraulic, fuel, air, or water drain lines.

MAST, VENT-DRAIN, AIRCRAFT	48248	A

A streamlined, externally mounted structure designed to house or accommodate fuel drains, hydraulic drains, fuel vents, hydraulic vents, and the like. The mast may accommodate multiple hydraulic, fuel, air, or water drain lines.

NOSE SECTION, AIRCRAFT RECONNAISSANCE POD	68243	A

A extreme forward portion of a POD ASSEMBLY RECONNAISSANCE SYSTEM, AIRCRAFT that contains and protects a day/night reconnaissance system such as infrared cameras, video or the like. For items that do not include major components, see POD SECTION, AIRCRAFT.

POD, AIRCRAFT	41336	E

A streamlined, multiapplication, self-contained unit mounted externally to an aircraft. It is designed to house or accommodate cameras, sensors, refueling hoses, propulsion systems, cargo, personnel and the like. It is detachable and does not come equipped with or contain any of the items mentioned above or any electrical/electronic device.

POD, AIRCRAFT REFUELING	67277	A

A self-contained unit mounted externally to the aircraft. It is designed to accommodate and may include refueling hoses, drogue, drum, fairings, door assemblies and associated components necessary for aerial refueling operations.

Approved Item Name	INC	App Key
POD ASSEMBLY, RECONNAISSANCE SYSTEM, AIRCRAFT	53550	A

A streamlined item designed for the support, protection and accommodation of an aerial reconnaissance which may consist of one or more camera, a video tape recorder, a day/night detector, and the like, which are included. It is designed to be mounted on a wing, fuselage, or another part of a manned or unmanned aircraft. It may or may not be jettisonable and/or floatable. Excludes POD, AIRCRAFT.

POD SECTION, AIRCRAFT	49760	A

An item which forms part of a POD, AIRCRAFT. It can be designed as a nose, aft or center section and may include mounts, cables, plugs, or other components depending on the application.

PYLON, AIRCRAFT	60882	A

A suspension device specifically designed to be installed externally on an aircraft, helicopter, or the like to provide a means of attaching aircraft engines as well as external fuel tanks, guns, bombs, rockets, guided missiles and the like. It is usually aerodynamically designed to fit specifi aircraft and reduce drag. Excludes LAUNCHER AND PYLON, GUIDED MISSILE, AIRCRAFT. See also RACK, BOMB, AIRCRAFT and RACK, BOMB EJECTOR, AIRCRAFT.

PYLON SECTION, AIRCRAFT	45847	A

A prefabricated item of various shapes and sizes, specifically designed to be joined with other pylon components to form the basic structure of a PYLON, AIRCRAFT.

Regulator

1. A device designed to control or maintain designated characteristics at predetermined values, or vary them in accordance to a predetermined plan. Excludes governors, which perform a similar function in controlling speed or revolutions per minute.

REGULATOR (1), TENSION, CABLE, AIRCRAFT	48743	D

A device used in control systems to maintain tautness of the wire rope within the preselected limits. The device mechanically compensates for the effect of temperature variation and structural deflection.

RUDDER, AIRCRAFT	31423	A

A hinged or pivoted vertical control surface, usually hinged to the tail post aft of the vertical stabilizer, for the purpose of applying yawing moments to an aircraft to assist in initiating right or left turns about the vertical axis of flight. It may include a trim tab mechanism. Excludes STABILIZER, VERTICAL.

SCOOP, AIRCRAFT	51607	A

An item mounted on fuselage to catch and divert air flow for ventilation of internal components during flight.

Approved Item Name	INC	App Key
SEAL, INFLATABLE, WING FAIRING, AIRCRAFT	53409	D

An expandable item designed to maintain the aerodynamics of the fuselage during wing sweeps. It is inflated using engine bleed air when the wings are swept in and out.

SLAT, AIRCRAFT	41337	A

A movable control surface attached to the leading edge of a wing or other airfoil which, when extended, creates a slot to allow high-energy air to be introduced into the boundary layer over the top of the airfoil. It prevents stalls at high angles of attack and improves lateral control at lower than normal airspeeds. It is closed during normal flight and forms a profile of the airfoil. Excludes leading edge devices for creating lift that are not slotted to duct air over the top of a wing or other airfoil. Excludes FLAP, WING LANDING.

SLIPWAY, RECEPTACLE, AERIAL REFUELING	53224	E

The item consists of a structural box enclosing the hydraulic lines, valves, cylinders, mechanical components, receptacle, and door.

SPEED BRAKE, AIRCRAFT	36561	C

A door or flap mounted in the surface of an aircraft fuselage, wing, or empennage. It is designed to, when extended, decrease the aircraft speed.

SPIKE, AIR INLET, AIRCRAFT	52778	A

A moveable airfoil located at the air intake of the engine. It is designed to restrict airflow during turn and bank situations to prevent engine stall.

SPOILER, WING, AIRCRAFT	36125	A

A hinged or pivoted airfoil mounted in the upper or lower surface of a wing section. When extended, it is designed for the specific purpose of reducing lift and increasing drag.

SPONSON, AIRCRAFT	52116	A

An item protruding from the hull of an airplane or helicopter fuselage designed to provide stability on water, attachments for main landing gear, carry weapons and external tanks which may include the fuel line attachment, and other such devices.

SPONSON SECTION, AIRCRAFT	67443	A

An item which forms part of a SPONSON, AIRCRAFT. It can be designed as a nose, aft, or center section and may include mounts, plugs, or other components depending on the application.

STABILATOR	41338	B

A movable slab type horizontal tail surface which can act as a single primary control effecting pitch only, or both halves can operate differentially controlling both pitch and roll.

Approved Item Name	INC	App Key
STABILIZER, HORIZONTAL	61112	B

A fixed horizontal airfoil, forming a part of the main directional control surfaces, parallel or approximately parallel to the lateral axis of an aircraft, guided missile or rocket. The functional purpose of the horizontal stabilizer is to maintain uniformity of motion in relation to the lateral axis in flight.

STABILIZER, VERTICAL	61114	B

A fixed vertical airfoil, forming a part of the main directional control surfaces, perpendicular or approximately perpendicular to the longitudinal axis of an aircraft, guided missile, or rocket. The functional purpose of the vertical stabilizer is to maintain uniformity of motion in relation to the longitudinal axis in flight.

STALL FENCE, WING	47202	E

A fixed airfoil mounted on a aircraft appendage (wing) whose primary purpose is to control the airstream to improve aircraft behavior at stall.

STATIC DISCHARGER, AIRCRAFT	50931	A

An electrically conductive device designed to harmlessly dissipate static electricity from the surfaces of an aircraft.

STRUT, AIRCRAFT	41339	D

An externally mounted structural member intended to bear compressive loads and usually of streamlined section.

TAB, TRIM, AIRCRAFT	41340	A

An auxiliary airfoil which forms a portion of an AILERON; BLADE, ROTARY WING; ELEVATOR, AIRCRAFT; RUDDER, AIRCRAFT and the like. It is usually hinged at the trailing edge of the control surface and is designed to stabilize the aircraft and/or reduce the control force.

TAIL SECTION, AIRCRAFT RECONNAISSANCE POD	68242	A

A rear portion of POD ASSEMBLY, RECONNAISSANCE SYSTEM, AIRCRAFT that contains and protects the power supply facilities such as storage battery or the like. For items that don't include major components, see POD SECTION, AIRCRAFT.

THRUST REVERSER, AIRCRAFT	52887	A

A mechanical device located in the exhaust area of a jet engine on large airplanes. It is designed to deflect the engine fan or exhaust gases forward to increase the descent angle in flight, or to decrease the landing speed on the ground. It can take the form of pivoting clamshell doors, cascade vanes (diverters); translating sleeves; blocker doors, or the like. When not in use it must be streamlined to the configuration of the engine nacelle.

Approved Item Name	INC	App Key
THRUST REVERSER SECTION, AIRCRAFT	53102	A

A component part of a THRUST REVERSER, AIRCRAFT which, when integrated with other members, forms a complete THRUST REVERSER, AIRCRAFT. It may take the form of a translating sleeve, blocker door, airflow deflector, fixed fan duct and the like.

TIP, AIRCRAFT	41034	A

A chordwise sectional unit at the outer end of a wing, stabilizer, rotor blade or other airfoil for fixed and rotary wing aircraft.

TRAILING EDGE, AIRCRAFT	41035	A

The rear edge of the aileron, wing, elevator, rudder or other airfoil. It is that portion after the spar.

VORTEX GENERATOR	52093	A

A small blade type airfoil mounted perpendicular to an aerodynamic surface (wing, empennage). Its primary purpose is to prevent the separation of boundary layer air to eliminate shock waves which cause buffeting of control surfaces.

WING ASSEMBLY, AIRCRAFT	36283	E

One of the airfoils that develop a major part of the lift which supports a heavier-than-air-aircraft. It consists of sections, panels, spars, and ribs. It may include fastening devices and electrical components necessary for a complete wing assembly. May also include control surfaces. Excludes WING PANEL (as modified); and WING SECTION (as modified).

Wing Section

1. (Aeronautical) A portion of a multipiece wing complete in a chordwise direction, excluding control surfaces.

WING SECTION (1), CENTER	61338	E

That portion of a multi-piece wing section whose center line lies within the plane of symmetry of the aircraft to which it is attached. It provides attachments for the other wing sections.

WING SECTION (1), INNER	61339	E

That portion of a multi-piece wing section whose inboard end is attached at the plane of symmetry of the airplane, the center wing section, or to the fuselage. It extends laterally and provides attachments for the outer wing section.

WING SECTION (1), OUTER	61340	E

That portion of a multi-piece wing section whose inboard end is attached to the plane of symmetry of the airplane, the center wing section, the fuselage, or the inner wing section. It extends laterally and may provide attachments for a wing tip.

Approved Item Name	INC	App Key
WINGLET	45495	E

Small, nearly vertical, winglike surfaces mounted at the tips of a wing. A structure which reduces the drag co-efficient greater than those achieved by simple wing tip extensions.

APPLICABILITY KEY INDEX

	A	B	C	D	E
NAME	X	X	X	X	X
MATT	X	X	X	X	X
MDCL	AR	AR	AR	AR	AR
SFTT	AR	AR	AR	AR	AR
STDC	AR	AR	AR	AR	AR
CZDJ	X	AR	AR	X	AR
CZEJ	AR	AR	AR	AR	AR
BWJF	AR	AR	AR	AR	X
CZEK	X	X	X	X	X
AARN	AR	AR	AR	AR	AR
ABKV				AR	
AAGT				AR	
ABHP	AR	AR	AR	AR	AR
ABMK	AR	AR	AR	AR	AR
ABPX	AR	AR	AR	AR	AR
ABFF	AR	AR	AR	AR	AR
CBBL	AR	AR	AR	AR	AR
FEAT	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR
NHCF	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR
HZRD	AR	AR	AR	AR	AR

SECTION I

APP Key	MRC	Mode Code	Requirements

ALL

NAME D ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED60032*)

FOR MRCS MATT, MDCL, SFTT, AND STDC: SEE APPENDIX C, TABLE 2 FOR CLARIFICATION OF TERMS AND RECORDING INSTRUCTIONS.

ALL (See Note Above)

MATT D MATERIAL

Definition: THE CHEMICAL COMPOUND OR MECHANICAL MIXTURE PROPERTIES OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATTDAL1100*; MATTDAL1100$$DST0302*; MATTDAL1100$DST0302*)

ALL * (See Note Preceding MRC MATT)

MDCL J MATERIAL DOCUMENT AND CLASSIFICATION

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS REFERENCE, AND THE CLASSIFICATION DESIGNATION, SUCH AS CLASS, CONDITION, TEMPER, AND THE LIKE, THAT IDENTIFIES THE MATERIAL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the document designator and classification.

(e.g., MDCLJBAQQ-A-250/1*;

MDCLJBAQQ-A-250/1$$JDCMIL-S-5059*;

MDCLJBBQQ-A-250/1$JDCMIL-S-5059*)

Table 1

REPLY CODE	REPLY (AP33)
G	ASSN STD

APP Key	MRC	Mode Code	Requirements
		B	FED SPEC
		C	FED STD
		F	MFR REF
		D	MIL SPEC
		E	MIL STD
		H	NATIONAL SPEC

Table 2

REPLY CODE	REPLY (AP18)
G	ALL MATERIAL RESPONSES (use only when all material is controlled by the same document and classifications are identical)
A	SINGLE MATERIAL RESPONSE
B	1ST MATERIAL RESPONSE
C	2ND MATERIAL RESPONSE
D	3RD MATERIAL RESPONSE
E	4TH MATERIAL RESPONSE
F	5TH MATERIAL RESPONSE

ALL * (See Note Preceding MRC MATT)

SFTT D SURFACE TREATMENT

Definition: THE METALLIC, NONMETALLIC, AND/OR CHEMICAL PROPERTIES WITH WHICH THE ITEM IS PLATED, DIPPED AND/OR COATED. THE TREATMENT IS DESIGNED TO PROTECT THE SURFACE(S) AND CANNOT BE WIPED OFF.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SFTTDANA000*; SFTTDCDA000$$DZNA000*; SFTTDCDA000$DZNA000*)

ALL * (See Note Preceding MRC MATT)

STDC J SURFACE TREATMENT DOCUMENT AND CLASSIFICATION

Definition: THE SPECIFICATION, STANDARD, OR MANUFACTURERS REFERENCE, AND THE CLASSIFICATION DESIGNATION, SUCH AS TYPE, CLASS, GRADE, AND THE LIKE, THAT IDENTIFIES THE SURFACE TREATMENT MATERIAL.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by document designator and the classification.

APP Key	MRC	Mode Code	Requirements

(e.g., STDCJDAMIL-A-8625*;

STDCJBBQQ-P-416 TY 1$$JGCASTMB633 TY 1*;

STDCJBBQQ-P-416 TY 1$JGCASTM B633 TY 1*)

Table 1

REPLY CODE	REPLY (AP33)
G	ASSN STD
B	FED SPEC
C	FED STD
F	MFR REF
D	MIL SPEC
E	MIL STD
H	NATIONAL SPEC

Table 2

REPLY CODE	REPLY (AP39)
G	ALL TREATMENT RESPONSES (use only when all treatment is controlled by the same document and classifications are identical)
A	SINGLE TREATMENT RESPONSE
B	1ST TREATMENT RESPONSE
C	2ND TREATMENT RESPONSE
D	3RD TREATMENT RESPONSE
E	4TH TREATMENT RESPONSE
F	5TH TREATMENT RESPONSE

A, B*, C*, D, E*

CZDJ A AIRCRAFT LOCATION

Definition: INDICATES THE LOCATION AT WHICH THE ITEM IS USED IN THE AIRCRAFT.

Reply Instructions: Enter the reply in clear text. (e.g., CZDJAHORIZONTAL STABILIZER*)

NOTE FOR MRC CZEJ: SEE APPENDIX C, TABLE 3 FOR CLARIFICATION OF STATION AND AIRCRAFT TERMINOLOGIES.

ALL * (See Note Above)

CZEJ A AIRCRAFT STATION NUMBER

APP Key	MRC	Mode Code	Requirements

Definition: THE STATION NUMBER REFERENCE POINT ON AN AIRCRAFT.

Reply Instructions: Enter the reply in clear text. (e.g., CZEJAD280.2*; CZEJAWL10.632 AND FS182.136*; CZEJAFS182 TO FS186*)

A*, B*, C*, D*, E

BWJF D SIDE FOR WHICH DESIGNED

Definition: AN INDICATION OF THE SIDE FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BWJFDACR*)

REPLY CODE	REPLY (AJ91)
ADC	BOTH SIDES
ACF	LEFT SIDE
ACR	RIGHT SIDE

ALL

CZEK A AIRCRAFT MISSION DESIGN SERIES

Definition: THE SERIES OF LETTERS AND NUMBERS WHICH IDENTIFY THE BASIC AIRCRAFT MISSION AND ANY ADDITIONAL MODIFICATION OR DESIGN CHANGES.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., CZEKAEF-111A*;

CZEKAEA-6A AND A-6A*)

ALL *

AARN D FABRICATION METHOD

Definition: THE PROCESS USED IN MANUFACTURING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 3. (e.g., AARNDAM*; AARNDAZ$DAN*; AARNDDE$$DDZ*)

D*

APP Key	MRC	Mode Code	Requirements
	ABKV	J	OUTSIDE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE OUTSIDE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKVJAA0.500*; ABKVJLA31.3*; ABKVJAB0.495$$JAC0.505*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

D*

	AAGT	J	WALL THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF THE WALL, IN DISTICTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AAGTJAA0.250*; AAGTJLA1.2*; AAGTJAB0.245$$JAC0.255*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

A*, B*, C*, D*, E*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA32.125*; ABHPJLA363*; ABHPJAB32.000$$JAC32.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA3.000*; ABMKJLA26.4*; ABMKJAB17.125$$JAC17.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

ALL *

ABPX J MATERIAL THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF THE MATERIAL, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABPXJAA0.725*; ABPXJLA2.2*; ABPXJAB0.060$$JAC0.062*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

ALL *

ABFF D FURNISHED ITEMS

Definition: ITEMS FURNISHED AS ACCESSORIES WHICH ARE NOT SPECIFIED ELSEWHERE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., ABFFDABS*; ABFFDABS$$DABW*)

NOTE FOR MRCS CBBL AND FEAT: E MODE REPLIES WILL NOT BE ACCEPTED IN REPLY FOR MRC CBBL. IF A REPLY IS NOT REFLECTED IN THE TABLE FOR MRC CBBL, ENTER THE FEATURE IN REPLY TO MRC FEAT.

ALL * (See Note Above)

CBBL D FEATURES PROVIDED

Definition: THOSE FEATURES, NOT OTHERWISE SPECIFIED, WHICH MAY BE REQUIRED FOR PROPER FUNCTIONING OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 5. (e.g., CBBLDAEQ*; CBBLDAHN$$DCPR*)

ALL * (See Note Preceding MRC CBBL)

FEAT G SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*

TEST J TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in

APP Key	MRC	Mode Code	Requirements
			specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
		B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

APP Key	MRC	Mode Code	Requirements

ZZZKJT81337-30642B$$JP80205-NAS1103*)

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL * (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 6, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZY G REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS

Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION

Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.

Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)

Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.

NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.

ALL* (See Note Above)			
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*			
	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

NOTE FOR MRC NHCF: IF THE CRITICALITY CODE IS H OR M, REPLY TO MRC NHCF.

ALL * (See Note Above)

NHCF D NUCLEAR HARDNESS CRITICAL FEATURE

Definition: AN INDICATION OF THE NUCLEAR HARDNESS CRITICALITY OF THE ITEM.

Reply Instructions: Enter the Reply Code from the table below. (e.g., NHCFDCY*)

REPLY CODE	REPLY (AD05)
CY	HARDENED

ALL *

PRMT D PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*; PRMTDAGA000$DAUA000*)

ALL *

PMWT J PRECIOUS MATERIAL AND WEIGHT

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 7 and the table below, followed by the numeric value. Enter multiple replies in Table 7 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL *

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 7, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*; PMLCJAGA000TERMINALS$JAUA000TERMINALS*)

ALL *

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL *

RTSE G RELATIONSHIP TO SIMILAR REQUIPMENT

Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text.

(e.g., RTSEGSIMILAR TO NSN 1560-01-429-4781*;

RTSEGSIMILAR TO P/N 102468-103, STRINGER, AIRCRAFT*)

ALL *

AGAV G END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the applicable reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL *

ZZZV G FSC APPLICATION DATA

Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.

Reply Instructions: Enter the name of the next higher classifiable assembly in clear text.

(e.g., ZZZVGWING SECTION, B-52*)

ALL *

CXCY G PART NAME ASSIGNED BY CONTROLLING AGENCY

Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)

ALL *

APP Key	MRC	Mode Code	Requirements
	HZRD	D	HAZARDOUS SUBSTANCES

Definition: THE SUBSTANCES AND/OR MATERIALS CONTAINED IN THE ITEM THAT HAVE BEEN IDENTIFIED AS HAZARDOUS OR ENVIRONMENTALLY DAMAGING BY THE ENVIRONMENTAL PROTECTION AGENCY OR OTHER AUTHORIZED GOVERNMENT AGENCY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HZRDDHAZ011*; HZRDDHAZ011$$DHAZ029*)

REPLY CODE	REPLY (HZ00)
HAZ011	CHROMIUM
HAZ029	LEAD
HAZ030	MAGNESIUM ALLOY
HAZ052	ZINC

Reply Tables

Table 1 - MATERIALS

This table is for MRC MATT

MATERIALS

REPLY CODE	REPLY (MA01)
ADA000	ADHESIVE
ALA000	ALUMINUM
ALB000	ALUMINUM ALLOY
AL1050	ALUMINUM ALLOY 1050
AL1060	ALUMINUM ALLOY 1060
AL1100	ALUMINUM ALLOY 1100
AL1145	ALUMINUM ALLOY 1145
AL1200	ALUMINUM ALLOY 1200
AL1230	ALUMINUM ALLOY 1230
AL1235	ALUMINUM ALLOY 1235
AL1350	ALUMINUM ALLOY 1350
AL1435	ALUMINUM ALLOY 1435
AL2011	ALUMINUM ALLOY 2011
AL2014	ALUMINUM ALLOY 2014
AL2017	ALUMINUM ALLOY 2017
AL2018	ALUMINUM ALLOY 2018
AL2024	ALUMINUM ALLOY 2024
AL2025	ALUMINUM ALLOY 2025
AL2090	ALUMINUM ALLOY 2090
AL2091	ALUMINUM ALLOY 2091
AL2117	ALUMINUM ALLOY 2117
AL2124	ALUMINUM ALLOY 2124
AL2218	ALUMINUM ALLOY 2218
AL2219	ALUMINUM ALLOY 2219
AL2319	ALUMINUM ALLOY 2319
AL2618	ALUMINUM ALLOY 2618
AL3003	ALUMINUM ALLOY 3003

REPLY CODE	REPLY (MA01)
AL3004	ALUMINUM ALLOY 3004
AL3005	ALUMINUM ALLOY 3005
AL3102	ALUMINUM ALLOY 3102
AL3105	ALUMINUM ALLOY 3105
AL3303	ALUMINUM ALLOY 3303
AL4032	ALUMINUM ALLOY 4032
AL4043	ALUMINUM ALLOY 4043
AL4045	ALUMINUM ALLOY 4045
AL4047	ALUMINUM ALLOY 4047
AL4145	ALUMINUM ALLOY 4145
AL4343	ALUMINUM ALLOY 4343
AL4643	ALUMINUM ALLOY 4643
AL5005	ALUMINUM ALLOY 5005
AL5050	ALUMINUM ALLOY 5050
AL5052	ALUMINUM ALLOY 5052
AL5056	ALUMINUM ALLOY 5056
AL5083	ALUMINUM ALLOY 5083
AL5086	ALUMINUM ALLOY 5086
AL5154	ALUMINUM ALLOY 5154
AL5183	ALUMINUM ALLOY 5183
AL5252	ALUMINUM ALLOY 5252
AL5254	ALUMINUM ALLOY 5254
AL5356	ALUMINUM ALLOY 5356
AL5454	ALUMINUM ALLOY 5454
AL5456	ALUMINUM ALLOY 5456
AL5457	ALUMINUM ALLOY 5457
AL5554	ALUMINUM ALLOY 5554
AL5556	ALUMINUM ALLOY 5556
AL5652	ALUMINUM ALLOY 5652
AL5654	ALUMINUM ALLOY 5654
AL5657	ALUMINUM ALLOY 5657
AL6005	ALUMINUM ALLOY 6005
AL6053	ALUMINUM ALLOY 6053
AL6061	ALUMINUM ALLOY 6061
AL6062	ALUMINUM ALLOY 6062
AL6063	ALUMINUM ALLOY 6063
AL6066	ALUMINUM ALLOY 6066
AL6070	ALUMINUM ALLOY 6070
AL6101	ALUMINUM ALLOY 6101
AL6151	ALUMINUM ALLOY 6151
AL6162	ALUMINUM ALLOY 6162
AL6201	ALUMINUM ALLOY 6201
AL6253	ALUMINUM ALLOY 6253
AL6262	ALUMINUM ALLOY 6262
AL6351	ALUMINUM ALLOY 6351
AL6463	ALUMINUM ALLOY 6463
AL7001	ALUMINUM ALLOY 7001
AL7005	ALUMINUM ALLOY 7005

REPLY CODE	REPLY (MA01)
AL7008	ALUMINUM ALLOY 7008
AL7039	ALUMINUM ALLOY 7039
AL7049	ALUMINUM ALLOY 7049
AL7050	ALUMINUM ALLOY 7050
AL7072	ALUMINUM ALLOY 7072
AL7075	ALUMINUM ALLOY 7075
AL7076	ALUMINUM ALLOY 7076
AL7175	ALUMINUM ALLOY 7175
AL7178	ALUMINUM ALLOY 7178
AL7179	ALUMINUM ALLOY 7179
AL7277	ALUMINUM ALLOY 7277
AL7475	ALUMINUM ALLOY 7475
AL8090	ALUMINUM ALLOY 8090
AL8091	ALUMINUM ALLOY 8091
CRA000	CHROMIUM
CRB000	CHROMIUM ALLOY
CR0001	CHROMIUM ALLOY UNS R20500
CR0002	CHROMIUM ALLOY UNS R20600
CR0003	CHROMIUM ALLOY UNS R20990
CR0004	CHROMIUM ALLOY UNS R20994
CUA000	COPPER
CUB000	COPPER ALLOY
CU0797	COPPER ALLOY 797
CU0174	COPPER ALLOY 842
CKA000	CORK
CCA000	COTTON
LBF000	DISULFIDE MOLYBDENUM
FBS000	FIBER SYNTHETIC
	Fiber (use specific material)
WDA000	FIBERBOARD
GSA000	GLASS
GSE000	GLASS BOROSILICATE
GSB000	GLASS FIBER
GSH000	GLASS PLATE
GSG000	GLASS SAFETY
GSL000	GLASS SHEET
GSM000	GLASS WIRED
AUA000	GOLD
AUB000	GOLD ALLOY
GFA000	GRAPHITE
	Inconel (use Reply Code NLB000)
	Inconel 718 (use Reply Code NL0010)
FEA000	IRON
FEF000	IRON ALLOY
FED000	IRON ALLOY CAST
FE0019	IRON ALLOY 660
FEB000	IRON CAST
FEH000	IRON CAST MALLEABLE

REPLY CODE	REPLY (MA01)
FEJ000	IRON DUCTILE
FEC000	IRON MALLEABLE
PBA000	LEAD
PBB000	LEAD ALLOY
LRA000	LEATHER
MGB000	MAGNESIUM ALLOY
MG0019	MAGNESIUM ALLOY AZ31A
MG0001	MAGNESIUM ALLOY AZ31B
MG0008	MAGNESIUM ALLOY AZ91C
MBA000	MOLYBDENUM
MBB000	MOLYBDENUM ALLOY
NLA000	NICKEL
NLB000	NICKEL ALLOY
NL0010	NICKEL ALLOY 718
PCA000	PLASTIC
PCB000	PLASTIC ACETAL
PCD000	PLASTIC ACRYLIC
PCAX00	PLASTIC ACRYLONITRILE
PCE000	PLASTIC ALKYD
PCCX00	PLASTIC ARAMID
PCCK00	PLASTIC CELLULOSE
PCAN00	PLASTIC CELLULOSE ACETATE
PCBN00	PLASTIC CELLULOSE ACETATE BUTYRATE
PCBJ00	PLASTIC CELLULOSE NITRATE
PCAAN0	PLASTIC CELLULOSE PROPIONATE
PCAAB0	PLASTIC CELLULOSE TRIACETATE
PCG000	PLASTIC DIALLYL PHTHALATE
PCH000	PLASTIC EPOXY
PCCR00	PLASTIC EPOXY FORMALDEHYDE
PCBY00	PLASTIC ETHYL CELLULOSE
PCAAC0	PLASTIC FLUORINATED ETHYLENE
PCBR00	PLASTIC FLUORINATED ETHYLENE PROPYLENE
PCAAD0	PLASTIC FLUOROCARBON
PCAAE0	PLASTIC FLUOROSILCONE
PCAAR0	PLASTIC FURANE
PCJ000	PLASTIC MELAMINE
PCBB00	PLASTIC METHACRYLATE
PCK000	PLASTIC METHYL METHACRYLATE
PCM000	PLASTIC PHENOL-FORMALDEHYDE
PCN000	PLASTIC PHENOLIC
PCCZ00	PLASTIC POLYALKENE
PCP000	PLASTIC POLYAMIDE
PCQ000	PLASTIC POLYCAPROLACTAM
PCR000	PLASTIC POLYCARBONATE
PCS000	PLASTIC POLYCHLOROFLUOROETHYLENE
PCT000	PLASTIC POLYCHLOROTRIFLUOROETHYLENE
PCW000	PLASTIC POLYESTER
PCBS00	PLASTIC POLYETHER

REPLY CODE	REPLY (MA01)
PCX000	PLASTIC POLYETHYLENE
PCY000	PLASTIC POLYETHYLENE TEREPHTHALATE
PCZ000	PLASTIC POLYHEXAMETHYLENE ADIPAMIDE
PCAM00	PLASTIC POLYHEXAMETHYLENE AMIDE
PCAA00	PLASTIC POLYHEXAMETHYLENE SEBACAMIDE
PCCH00	PLASTIC POLYIMIDE
PCAB00	PLASTIC POLYOLEFIN
PCAC00	PLASTIC POLYPROPYLENE
PCAD00	PLASTIC POLYSTYRENE
PCAF00	PLASTIC POLYTETRAFLUOROETHYLENE
PCAAAB	PLASTIC POLYUNDECANOAMIDE
PCAH00	PLASTIC POLYURETHANE
PCCD00	PLASTIC POLYVINYL
PCBM00	PLASTIC POLYVINYL ACETATE
PCAJ00	PLASTIC POLYVINYL CHLORIDE
PCCC00	PLASTIC POLYVINYL CHLORIDE-ACETATE
PCCP00	PLASTIC POLYVINYL CHLORIDE-NITRILE
PCCE00	PLASTIC POLYVINYL ETHER
PCBT00	PLASTIC POLYVINYL FLUORIDE
PCCJ00	PLASTIC POLYVINYL PHENOLIC
PCBW00	PLASTIC POLYVINYLIDENE
PCBG00	PLASTIC POLYVINYLIDENE CHLORIDE
PCAS00	PLASTIC POLYVINYLIDENE FLUORIDE
PCAK00	PLASTIC SILICONE
PCBC00	PLASTIC STYRENE
PCAAF0	PLASTIC STYRENE-BUTADIENE
PCAAX0	PLASTIC UREA-FORMALDEHYDE
PCBA00	PLASTIC URETHANE
PCAP00	PLASTIC VINYL
PCAAA0	PLASTIC VINYL ACETATE
PCBD00	PLASTIC VINYL CHLORIDE
	Plastic Vinyl Chloride-Acetate (use Reply Code PCCC00)
PCAT00	PLASTIC VINYLIDENE CHLORIDE
PCBX00	PLASTIC VINYLIDENE FLUORIDE
PTA000	PLATINUM
PTB000	PLATINUM ALLOY
WDB000	PLYWOOD
RSD000	RESIN
RSC000	RESIN NATURAL
RSB000	RESIN SILICONE
RSA000	RESIN SYNTHETIC
RCE000	RUBBER
RC0019	RUBBER BUTADIENE-ACRYLONITRILE CLASS NBR
RC0022	RUBBER BUTADIENE-STYRENE CLASS SBR
RC0007	RUBBER CHLOROPRENE CLASS CR
RC0013	RUBBER FLUOROCARBON CLASS FPM
RCA000	RUBBER NATURAL
RC0021	RUBBER SILICONE CLASS Q

REPLY CODE	REPLY (MA01)
RCB000	RUBBER SYNTHETIC
AGA000	SILVER
AGF000	SILVER ALLOY
STA000	STEEL
ST0301	STEEL COMP 301
ST0302	STEEL COMP 302
ST0180	STEEL COMP 302B
ST0303	STEEL COMP 303
ST0079	STEEL COMP 303SE
ST0304	STEEL COMP 304
ST0080	STEEL COMP 304L
ST0305	STEEL COMP 305
ST0152	STEEL COMP 308
ST0309	STEEL COMP 309
ST0153	STEEL COMP 309S
ST0310	STEEL COMP 310
ST0154	STEEL COMP 310S
ST0155	STEEL COMP 314
ST0316	STEEL COMP 316
ST0082	STEEL COMP 316L
ST0317	STEEL COMP 317
ST0321	STEEL COMP 321
ST0347	STEEL COMP 347
ST0348	STEEL COMP 348
ST0384	STEEL COMP 384
ST0385	STEEL COMP 385
ST0403	STEEL COMP 403
ST0405	STEEL COMP 405
ST0410	STEEL COMP 410
ST0414	STEEL COMP 414
ST0416	STEEL COMP 416
ST0255	STEEL COMP 416 PLUS X
ST0099	STEEL COMP 416SE
ST0420	STEEL COMP 420
ST0100	STEEL COMP 420F
ST1047	STEEL COMP 422
ST0429	STEEL COMP 429
ST0430	STEEL COMP 430
ST0101	STEEL COMP 430F
ST0431	STEEL COMP 431
ST0105	STEEL COMP 440A
ST0106	STEEL COMP 440B
ST0107	STEEL COMP 440C
ST0108	STEEL COMP 440F
ST0442	STEEL COMP 442
ST0446	STEEL COMP 446
ST0601	STEEL COMP 601
ST0619	STEEL COMP 619

REPLY CODE	REPLY (MA01)
ST0630	STEEL COMP 630
ST0631	STEEL COMP 631
ST0632	STEEL COMP 632
ST0633	STEEL COMP 633
ST0634	STEEL COMP 634
ST2635	STEEL COMP 635
ST1005	STEEL COMP 1005
ST1006	STEEL COMP 1006
ST1008	STEEL COMP 1008
ST1009	STEEL COMP 1009
ST1010	STEEL COMP 1010
ST1011	STEEL COMP 1011
ST1012	STEEL COMP 1012
ST1013	STEEL COMP 1013
ST1015	STEEL COMP 1015
ST1016	STEEL COMP 1016
ST1017	STEEL COMP 1017
ST1018	STEEL COMP 1018
ST1019	STEEL COMP 1019
ST1020	STEEL COMP 1020
ST1021	STEEL COMP 1021
ST1022	STEEL COMP 1022
ST1023	STEEL COMP 1023
ST1025	STEEL COMP 1025
ST1026	STEEL COMP 1026
ST1029	STEEL COMP 1029
ST1030	STEEL COMP 1030
ST1031	STEEL COMP 1031
ST1033	STEEL COMP 1033
ST1034	STEEL COMP 1034
ST1035	STEEL COMP 1035
ST1037	STEEL COMP 1037
ST1038	STEEL COMP 1038
ST1039	STEEL COMP 1039
ST1040	STEEL COMP 1040
ST1042	STEEL COMP 1042
ST1043	STEEL COMP 1043
ST1044	STEEL COMP 1044
ST1045	STEEL COMP 1045
ST1046	STEEL COMP 1046
ST1049	STEEL COMP 1049
ST1050	STEEL COMP 1050
ST1053	STEEL COMP 1053
ST1054	STEEL COMP 1054
ST1055	STEEL COMP 1055
ST1059	STEEL COMP 1059
ST1060	STEEL COMP 1060
ST1062	STEEL COMP 1062

REPLY CODE	REPLY (MA01)
ST1064	STEEL COMP 1064
ST1065	STEEL COMP 1065
ST1069	STEEL COMP 1069
ST1070	STEEL COMP 1070
ST1071	STEEL COMP 1071
ST1074	STEEL COMP 1074
ST1075	STEEL COMP 1075
ST1078	STEEL COMP 1078
ST1080	STEEL COMP 1080
ST1084	STEEL COMP 1084
ST1085	STEEL COMP 1085
ST1086	STEEL COMP 1086
ST1090	STEEL COMP 1090
ST1095	STEEL COMP 1095
ST4118	STEEL COMP 4118
ST4120	STEEL COMP 4120
ST4130	STEEL COMP 4130
ST4135	STEEL COMP 4135
ST4137	STEEL COMP 4137
ST4140	STEEL COMP 4140
ST4142	STEEL COMP 4142
ST4145	STEEL COMP 4145
ST4147	STEEL COMP 4147
ST4150	STEEL COMP 4150
ST4161	STEEL COMP 4161
ST4320	STEEL COMP 4320
ST4337	STEEL COMP 4337
ST4340	STEEL COMP 4340
ST4419	STEEL COMP 4419
ST4422	STEEL COMP 4422
ST4427	STEEL COMP 4427
ST4615	STEEL COMP 4615
ST4617	STEEL COMP 4617
ST4620	STEEL COMP 4620
ST4621	STEEL COMP 4621
ST4626	STEEL COMP 4626
ST4718	STEEL COMP 4718
ST4720	STEEL COMP 4720
ST4815	STEEL COMP 4815
ST4817	STEEL COMP 4817
ST4820	STEEL COMP 4820
ST5015	STEEL COMP 5015
ST5046	STEEL COMP 5046
ST5115	STEEL COMP 5115
ST5120	STEEL COMP 5120
ST5130	STEEL COMP 5130
ST5132	STEEL COMP 5132
ST5135	STEEL COMP 5135

REPLY CODE	REPLY (MA01)
ST5140	STEEL COMP 5140
ST5145	STEEL COMP 5145
ST5147	STEEL COMP 5147
ST5150	STEEL COMP 5150
ST5155	STEEL COMP 5155
ST5160	STEEL COMP 5160
ST6118	STEEL COMP 6118
ST6120	STEEL COMP 6120
ST6150	STEEL COMP 6150
ST8115	STEEL COMP 8115
ST8655	STEEL COMP 8655
ST8660	STEEL COMP 8660
STB000	STEEL CORROSION RESISTING
SNB000	TIN
SNA000	TIN ALLOY
TTB000	TITANIUM
TTA000	TITANIUM ALLOY
TT0041	TITANIUM UNS R50550
TT0042	TITANIUM UNS R50700
VNA000	VANADIUM
VNB000	VANADIUM ALLOY
WDC000	WOOD
ZNB000	ZINC
ZNA000	ZINC ALLOY

Table 2 - SURFACE TREATMENTS

This table is for MRC SFTT

SURFACE TREATMENTS

REPLY CODE	REPLY (SF01)
MSL000	ALODIZE
ALB000	ALUMINUM
ANA000	ANODIZE
CDA000	CADMIUM
CLB000	CERAMIC
CMA000	CHROMATE
CMB000	CHROMATE ZINC
CRA000	CHROMIUM
CUA000	COPPER
DCA000	DICHROMATE
LCE000	DISULFIDE MOLYBDENUM
ENA000	ENAMEL
ENJ000	ENAMEL ALKYD
ENB000	ENAMEL LUSTERLESS
ENF000	ENAMEL SEMIGLOSS
AUA000	GOLD

REPLY CODE	REPLY (SF01)
LQA000	LACQUER
LQD000	LACQUER ACRYLIC
MNA000	MANGANESE
MTB000	MOLYBDENUM
NLA000	NICKEL
NLD000	NICKEL SULFAMATE
XXB000	OXIDE
XXF000	OXIDE ALUMINUM
XXD000	OXIDE ZINC
PNA000	PAINT
PNC000	PAINT ALUMINUM
PND000	PAINT EPOXY
PNG000	PAINT LUSTERLESS
PNE000	PAINT POLYURETHANE
PNF000	PAINT VINYL ALKYD
PSA000	PASSIVATE
PHA000	PHOSPHATE
PHB000	PHOSPHATE IRON
PHC000	PHOSPHATE MANGANESE
PHE000	PHOSPHATE NICKEL
PHD000	PHOSPHATE ZINC
PCA000	PLASTIC
PCK000	PLASTIC ACRYLIC
PCS000	PLASTIC EPOXY
PCAF00	PLASTIC EPOXY FORMALDEHYDE
PCAD00	PLASTIC EPOXY POLYAMIDE
PCM000	PLASTIC PHENOLIC
PCF000	PLASTIC POLYAMIDE
PCAH00	PLASTIC POLYESTER
PCAC00	PLASTIC POLYETHLENE
PCB000	PLASTIC POLYTETRAFLUOROETHYLENE
PCY000	PLASTIC POLYURETHANE
PCC000	PLASTIC POLYVINYL CHLORIDE
PTA000	PLATINUM
CLC000	PORCELAIN
PRA000	PRIMER
PRF000	PRIMER EPOXY
PRD000	PRIMER EPOXY-POLYAMIDE
PRE000	PRIMER ZINC
PRC000	PRIMER ZINC CHROMATE
RSA000	RESIN SILICONE
RSB000	RESIN SYNTHETIC
RCA000	RUBBER
RCB000	RUBBER SYNTHETIC
MSA000	SHELLAC
SLA000	SILICON
AGA000	SILVER
LCD000	SULFIDE MOLYBDENUM

REPLY CODE	REPLY (SF01)
SNA000	TIN
TTA000	TITANIUM
TNA000	TUNGSTEN
VAA000	VARNISH
ZNA000	ZINC

Table 3 - FABRICATION METHOD
This table is for MRC AARN

FABRICATION METHOD

REPLY CODE	REPLY (AA62)
AN	CAST
AP	CELLULAR, EXPLODED
AQ	CELLULAR, UNEXPLODED
KZ	COMPOSITE
AD	CORRUGATED
DE	DROP FORGED
DZ	GROUND
LB	HONEYCOMB
AT	LAMINATED
AZ	MACHINED
AM	MOLDED
LC	SANDWICH
AL	STAMPED

Table 4 - FURNISHED ITEMS
This table is for MRC ABFF

FURNISHED ITEMS

REPLY CODE	REPLY (AB28)
BQP	ANGLE
BKY	BEARING
ABR	BOLT
AYH	BRACE
ABS	BRACKET
AJM	BUSHING
AEL	CAP
AYK	CHANNEL
AMN	CLAMP
ASX	CLIP
ATF	COLLAR
BCA	COTTER PIN
BRF	CUSHION
ARF	*ELECTRICAL CONNECTOR COVER*

REPLY CODE	REPLY (AB28)
BCC	EYEBOLT
ACN	GASKET
ADM	GROMMET
BQW	HINGE
BCJ	HOOK
AJR	INSERT
BRD	LOCK BOLT
ACB	LOCK WASHER
ADW	LOCKNUT
BRE	LUG
AEK	MOUNTING BRACKET
AAN	MOUNTING NUT
ABW	NUT
BQS	NUT PLATE
ABY	PIN
ATB	PLATE
BGG	RETAINER
ATC	RIVET
AMX	SCREW
AFH	SEAL
BPQ	SHIM
ATD	SPACER
AMY	*SPRING*
ABJ	*STORAGE CASE*
AFN	STUD
BAW	SUPPORT
AJW	*WASHER*
ADA	*WRENCH*

Table 5 - FEATURES PROVIDED
This table is for MRC CBBL

FEATURES PROVIDED

REPLY CODE	REPLY (AN47)
AHN	ANNEALED
CNC	BURNISHED
AEQ	CASEHARDENED
CPR	LIGHTENING HOLE
CLS	SERRATED
DKG	SERRATED ONE SIDE
AXR	TEMPERED

Table 6 - NONDEFINITIVE SPEC/STD DATA
This table is for MRC ZZZT

NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY

REPLY CODE	REPLY (AD08)
MD	MODEL
MT	MOUNTING
NR	NUMBER
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 7 - PRECIOUS MATERIALS
This table is for MRCs PMWT AND PMLC

PRECIOUS MATERIALS

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Reference Drawing Groups

No table of contents entries found.

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

STATION AND AIRCRAFT TERMINOLOGIES
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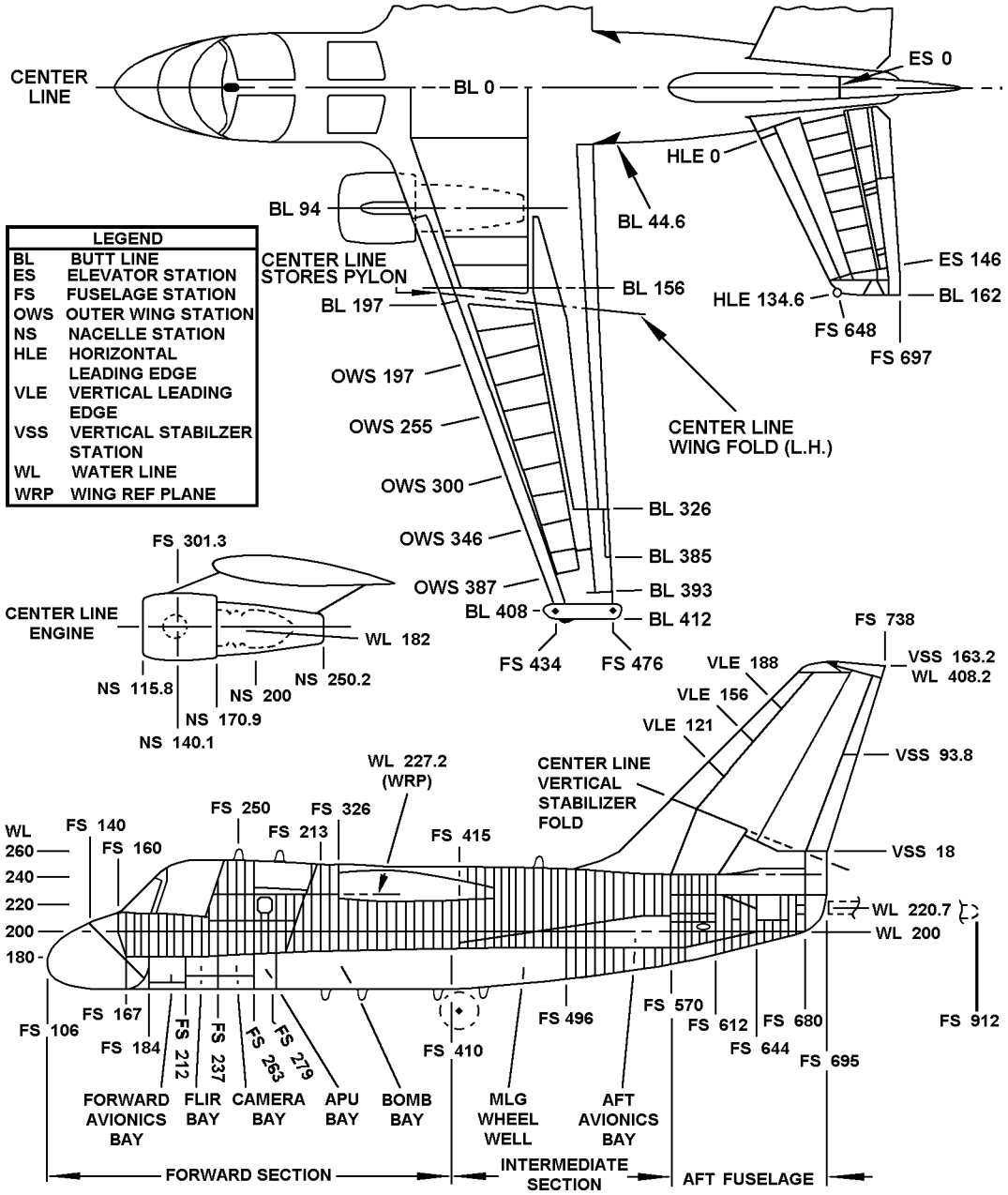
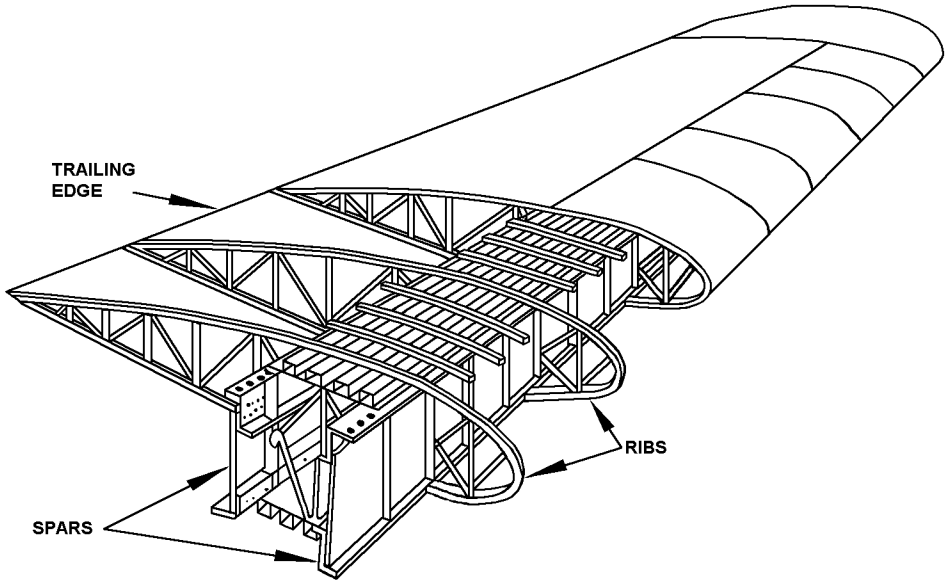
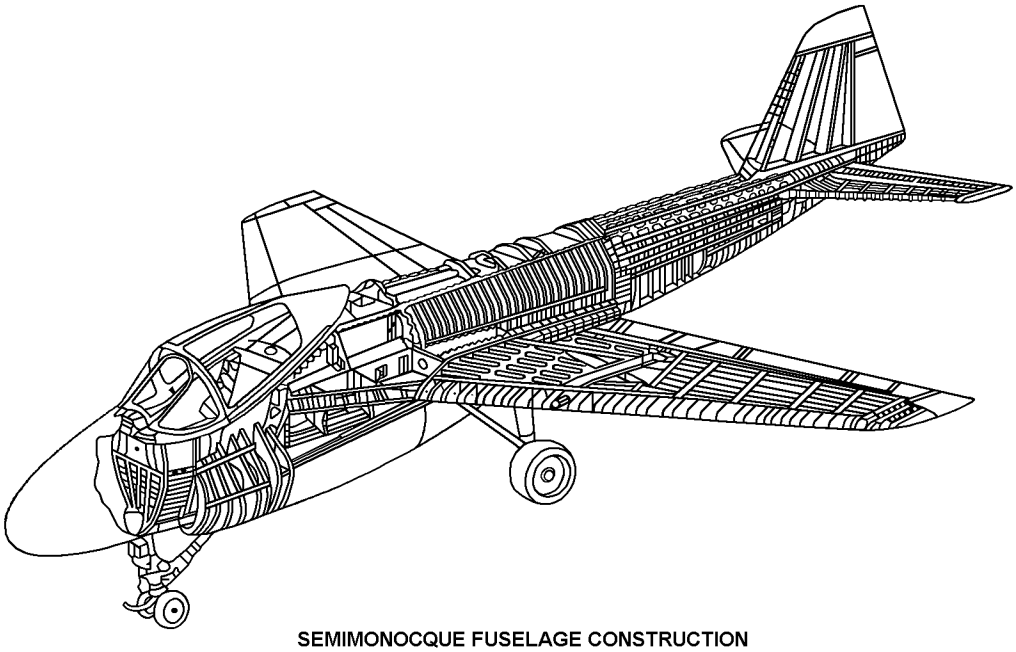
STATION AND AIRCRAFT TERMINOLOGIES
STATION AND AIRCRAFT TERMINOLOGIES

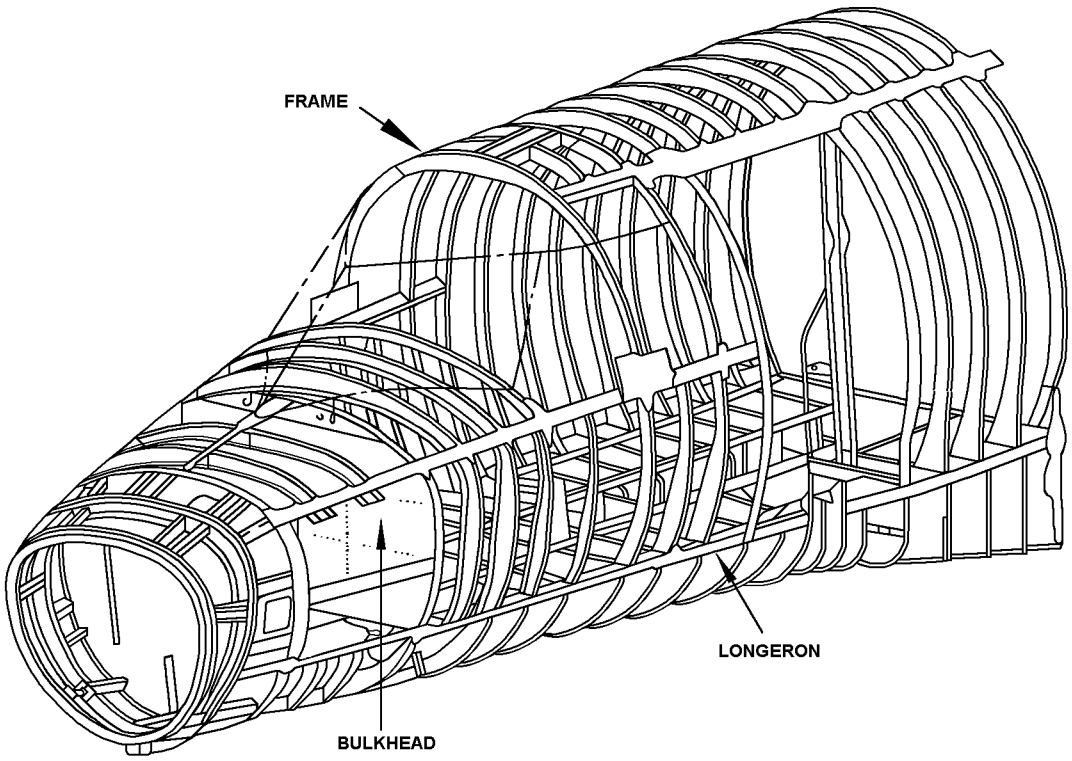




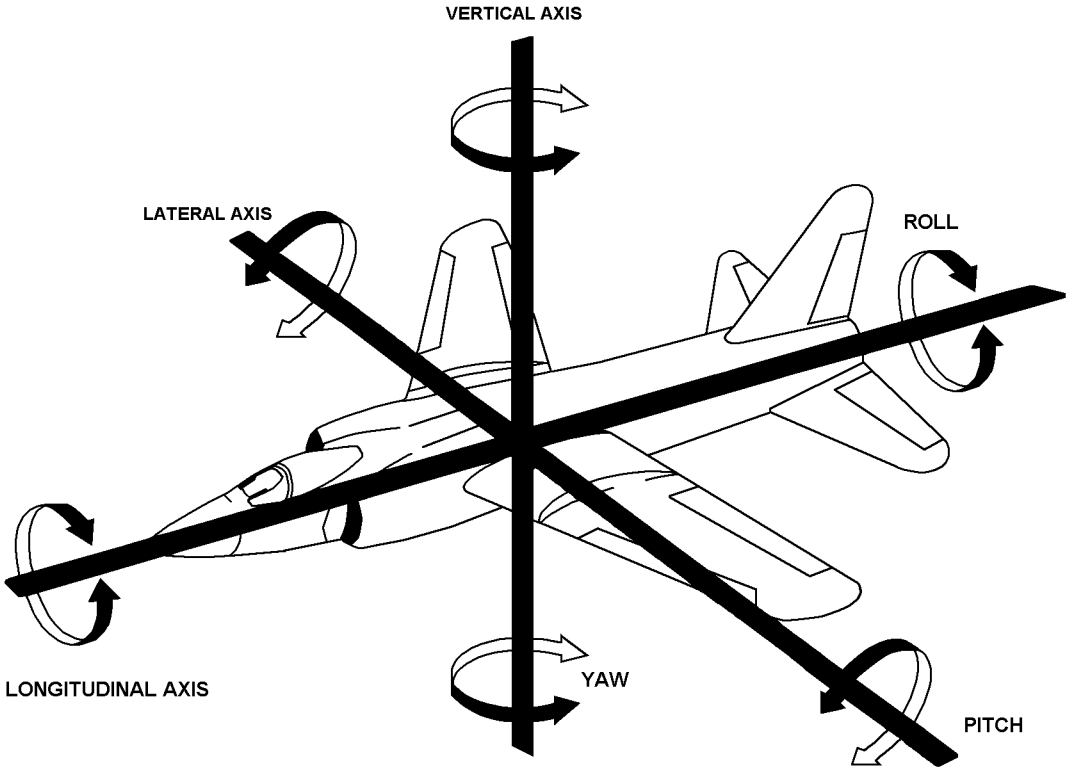
TWO-SPAR WING CONSTRUCTION



SEMIMONOCQUE FUSELAGE CONSTRUCTION



FORWARD FUSELAGE (SEMIMONOCQUE)



AXES AND FUNDAMENTAL MOVEMENTS OF THE AIRCRAFT

FIIG Change List

FIIG Change List, Effective March 5, 2010

Added 3 Reply Codes ABJ (STORAGE CASE), ADA (WRENCH), ARF (ELECTRICAL CONNECTOR COVER), to Appendix A, Table 4(TABLE AB28).